



#5  
*Bull*

503.33904RC1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): TANAKA, et al  
Serial No.: 09/964,359  
Filed: September 28, 2001  
For: LIQUID CRYSTAL DISPLAY APPARATUS  
Group: 2672  
Examiner: J. Brier

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**SUBMISSION OF SUBSTITUTE DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 9, 2003

Sir:

In response to the Examiner's objection to the drawings as set forth in the Office Action dated October 8, 2002, applicants submit herewith thirteen (13) sheets of substitute drawings, and acceptance of the substitute drawings is respectfully requested.

Respectfully submitted,

Melvin Kraus  
Registration No. 22,466  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/cee  
Attachment(s)  
(703) 312-6600



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Butt

503.33904R00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee(s): T. TANAKA et al

U.S. Patent No.: 5,798,744

Issued: August 25, 1998

For: LIQUID CRYSTAL DISPLAY APPARATUS

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CONSENT OF ASSIGNEE

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee(s) of the entire interest in the  
above-mentioned Letters Patent No. 5,798,744, hereby assent to  
the reissue application filed August 24, 2000.

Hitachi, Ltd.

Date: Nov. 2, 2000

Yasuo Sakuta  
Mr. Yasuo Sakuta  
Executive Managing Director  
Hitachi, Ltd.  
Intellectual Property Group



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: HITACHI, LTD.

Application No./Patent No.: 5,798,744

Filed/Issue Date: August 25, 1998

Entitled: LIQUID CRYSTAL DISPLAY APPARATUS

HITACHI, LTD.

(Name of Assignee)

, a

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9062, Frame 0573, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

August 24, 2000  
Date

  
Signature

Melvin Kraus  
Typed or printed name

Attorney  
Title



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: HITACHI, LTD.Application No./Patent No.: 5,798,744 Filed/Issue Date: August 25, 1998Entitled: LIQUID CRYSTAL DISPLAY APPARATUSHITACHI, LTD., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 9062, Frame 0573, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

June 9, 2003

Date

(703) 312-6600

Telephone number

Melvin Kraus

Typed or printed name

Signature

Attorney

Title

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This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.